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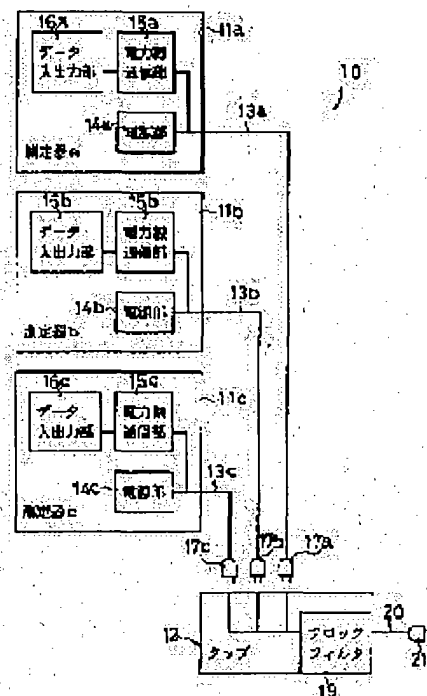
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(54) POWER LINE CARRIER SYSTEM BETWEEN MEASUREMENT INSTRUMENTS

(57)Abstract:

PURPOSE: To attain correct and efficient measurement by providing a power carrier section to each measurement instrument and plugging in a power plug of a power line for the measurement instrument to a receptacle tap with a block filter integrated thereto and implementing data communication between plural measurement instruments.

CONSTITUTION: A power plug 17 (a, b, c) of each measurement power line 13 (a, b, c) is plugged into a receptacle of a tap 12 in a carrier system 10 and a plug 21 of a power supply side external power line 20 is plugged into a receptacle of a prescribed external power supply. Thus, power is supplied to a power supply section 14 (a, b, c) of each measurement instrument (a, b, c) to activate each measurement instrument 11. Thus, each measurement equipment 11 uses a measurement instrument side power line communication section (a, b, c) to superimpose a high frequency signal onto the measurement instrument power line 13 via the power line communication section 15 (a, b, c) to attain mutual communication. Then the objective measurement environment is simply formed.



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